

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

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**Weather:** Conditions were hot throughout the State with some moisture reported. High temperatures ranged from 64 degrees in Bandon and Crescent City to 105 degrees in Medford and The Dalles. Six stations reported temperatures of 100 degrees or hotter. Low temperatures ranged from 34 degrees in Agency Lake to 54 degrees in Medford. Seventeen out of forty-three stations reported measurable precipitation, and only one station reported more than normal precipitation levels for the week. The Medford station reported the most precipitation with 0.78 inches followed by the Pendleton station with 0.10 inches.

**Field Crops:** Grass seed, wheat, mint, and hay were being harvested and replanted. Farmers were getting ready for a third cutting of hay in Klamath County. Good yields for hay were being reported in Lake County. Grain harvest was also underway. Vines on early varieties of potatoes were dying off in Klamath County. Potato harvesting had started in Malheur County. Carrot seed planting was reported as completed for 2011. Peppermint harvest was underway in Union County.

**Vegetables:** Warmer weather benefitted vegetables. Vegetable harvest was in full swing across the State with tomatoes, summer squash, green beans, cucumbers, and short season sweet corn all being harvested. Garlic and onion harvest continued in Lane County with the harvest reportedly showing some mold. Cole crops were

doing well. Malheur County onion harvest began as well and onion size was reportedly smaller than average.

**Fruits and Nuts:** In the Willamette Valley peaches were still being harvested, and some berry harvest continued as well, including late variety blueberries. Raspberry harvest was just about done. Prunes were beginning to show a little color change. Early apple varieties were being harvested. Cherries were very close to being finished. Pears were looking good, but a little behind schedule. Hazelnuts continued to size well. Grapes were still sizing, with reports of a possible powdery mildew down in the lower Willamette Valley. Summer pear harvest began in the lower Hood River Valley, and the Pinot Noir grape was at the beginning of berry ripening. Monitoring for the spotted wing drosophila continued in Lane County.

**Nurseries and Greenhouses:** Nurseries and greenhouses continued with irrigation and plant care activities.

**Livestock, Range and Pasture:** Pasture conditions continued to decline as the summer progresses. Producers were irrigating pastures where water was available. Some higher elevation pastures were still in good condition. Supplemental feeding continued.

**Soil Moisture - Week Ending 08/22/10**

	<b>Very short</b>	<b>Short</b>	<b>Adequate</b>	<b>Surplus</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	19	47	33	1
Subsoil	8	52	40	0

**Crop Progress - Week Ending 08/22/10**

<b>Crop</b>	<b>This week</b>	<b>Last week</b>	<b>Last year</b>	<b>5 year average</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, second cutting	95	90	100	80
Alfalfa hay, third cutting	30	25	77	31
Winter wheat harvested	91	81	100	95
Barley harvested	80	67	91	85
Spring wheat harvested	92	80	90	83
Days suitable for fieldwork	6.9	6.5	6.9	6.6

**Crop Condition - Week Ending 08/22/10**

<b>Crop</b>	<b>Very poor</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	1	19	49	30
Spring wheat	0	4	16	52	28
Barley	0	0	11	57	32
Corn	0	0	33	65	2
Range and pasture	6	18	34	37	5

## Western Oregon

**COOS/CURRY:** Low temperatures were slightly below the 5-year average in Bandon (Coos Co.) and more so in Brookings in southern Curry. High temperatures through the week were about 5 degrees below the 5-year average in Coos/Northern Curry, but near the 5-year average in southern Curry. Both Coos and Curry counties experienced overcast/foggy mornings and breezy conditions most of the week. More livestock were put out on bottoms as they continued to dry and grow, and irrigation was in full swing on pastures, where available. Bandon (Coos & Northern Curry): Low temperature for the period was 48.59 degrees, 1.53 degrees below the 5-year average. High temperature for the period was 63.93 degrees, 4.84 degrees below the 5-year average. Precipitation for the period was 0.00 inches, which is 0.15 inches below the 5-year (including drought in 2005) average for the week. Precipitation for the Current weather year (began 10/09) stood at 59.49 inches, 5.38 inches above the 5 year average. Historical average precipitation, October through August, was 58.74 inches. Brookings (Southern Curry): Low temperature for the period was 49.37 degrees, 3.84 degrees below the 5-year average. High temperature for the period was 74.3 degrees, which is the 5-year average. Precipitation for the period was 0.03 inches, compared to a 5-year (including drought in 2005) average of 0.58 inches. Precipitation for Current weather year (began 10/08) stood at 85.97 inches, 6.42 inches above the 5 year average. Historical average precipitation October through August was 71.53 inches.

**JOSEPHINE:** Very hot temperatures with no moisture. Watering was the main occupation if it was available. Tomatoes, summer squash, green beans, cucumbers, short season corn were all being harvested. Grapes are maturing well with no stress.

**LINN/BENTON/LINCOLN:** A few of the farmers were still combining Fescue and still have spring wheat standing. Most of the wheat has been harvested and farmers were getting busy with the fall ground work. The warmer weather has been hard on livestock, but good for the vegetable growers. Early peach and apple varieties were being harvested, along with a few of the last blueberry varieties. There has been only a trace amount of moisture in the Willamette Valley.

**LANE:** Grass seed, wheat, hay, and mint being harvested and replanted. Garlic and onion harvest continued, but still showing a lot of gray mold. The general vegetable crop seemed to be doing well. Cole crops were doing fine, and cabbage heads were developing well. Flea and cucumber beetles were affecting pumpkin and cucumber crops. Peach harvest continued, and cherries were very close to being finished. Pears were looking good, but seemed to be a little behind schedule. Hazelnuts continued to size well. Blueberry harvest continued for later varieties, while the early varieties were finished. Raspberry harvest was just about done. Grapes were still sizing, with reports of a possible powdery mildew if not controlled. Intensive monitoring for the spotted wing drosophila continued.

**YAMHILL:** Temperatures cooled after mid-week, reducing the water demand on the trees. Farmers were finishing up the last of the grass seed this last week. Threshing and baling the straw was taking place in most fields throughout the County. Winter wheat was mostly complete. Peaches were still being harvested, and some berries continued as well. Vegetables were being harvested, including: green beans, squash, and some sweet corn. Tomatoes have been slow to ripen this season. Some of the fields with grass crops were being tilled this week. Prunes were beginning to show a little color change.

## Eastern Oregon

**HARNEY:** Thunderstorms brought a small amount of precipitation and windy conditions to parts of the County early in the week. Temperatures were warm early in the week, but progressively got cooler through the weekend. Lower elevation rangeland pastures have declined significantly in forage quality and quantity. Cattle in higher elevation and irrigated pastures were still enjoying good forage conditions.

**HOOD RIVER:** Hot temperatures early in the week turned mild by mid-week. Summer pear harvest began in the lower Hood River Valley. Elsewhere, growers continued summer orchard operations and prepared orchards for summer pear harvest. The Pinot noir grape was at the beginning of berry ripening.

**JEFFERSON:** Planting of “seed-to-seed” carrots for 2011 was done. Conditions have been great for the pollination and maturation for the 2010 carrot seed crop.

**KLAMATH:** Hot temperatures again during the week. Grain harvest was underway. Vines on early varieties of potatoes were dying. Farmers were getting ready for the third cutting of hay.

**LAKE:** Received some precipitation over the weekend. Producers reported good yields for their hay crops.

**MALHEUR:** Weather was hot and dry. Winter wheat harvest was winding down. Onion & potato harvests started. Wheat yield expected to be higher than average. Onion size expected to be smaller than average. No irrigation on potatoes yet.

**UNION:** Night temperatures were cool, reaching temperatures into the low 40s, slowing growth of some crops. Peppermint and grain harvest was underway.

**WASCO:** Lower Deschutes Fire Complex has been keeping several farmers and ranchers busy this past month. Winter wheat harvest was virtually done with only those in the extreme south that have any crop left to harvest. Spring wheat was close to the end as well. Cherry harvest was completed with varied results. Most producers seemed to be down on yields depending on the elevation, variety, and timing of maturity. Most of the damage was in the early maturing varieties and lower elevations. The least damage was in the later varieties and moderate elevations. Hay was good with the third cutting, and nearing completion.

**Weather data for selected stations in Oregon, Week ending: August 22, 2010 (as of 11:00 am) <sup>1</sup>**

Station	Air temperature <sup>2</sup>				Growing degree days <sup>3</sup>		Last week precip. <sup>4</sup>			Season cum. precipitation <sup>5</sup>			
	Low	High	Avg.	DFN <sup>6</sup>	Total	DFN <sup>6</sup>	Total inches	DFN <sup>6</sup>	Days <sup>7</sup>	Total inches	DFN <sup>6</sup>	Pct. normal	Days <sup>7</sup>
<b>COASTAL AREAS</b>													
Astoria/Clatsop	48	71	60	-2	73	-4	0.03	-0.28	2	75.80	9.92	115	191
Bandon <sup>8</sup>	49	64	58	-2	57	-6	-	-0.24	-	60.58	2.05	104	202
Crescent City	49	64	57	-3	49	-14	0.02	-0.21	2	65.05	0.20	100	156
Florence	40	69	57	-4	53	-24	0.03	-0.30	1	87.95	11.99	116	171
North Bend	48	66	58	-3	57	-13	-	-0.24	-	59.57	-3.37	95	162
Tillamook	39	72	60	+1	71	+7	0.01	-0.39	1	65.97	-21.96	75	180
<b>WILLAMETTE VALLEY</b>													
Aurora <sup>8</sup>	47	97	66	+0	115	+3	-	-0.22	-	44.39	3.71	109	171
Corvallis	47	94	65	-2	103	-9	-	-0.21	-	42.52	0.14	100	186
Detroit Lake <sup>8</sup>	48	99	69	+8	136	+51	0.07	-0.24	1	85.86	18.78	128	184
Eugene	46	95	66	-2	112	-11	-	-0.28	-	40.39	-8.58	82	150
Hillsboro	40	97	65	-2	104	-7	-	-0.28	-	37.86	0.65	102	159
McMinnville	41	95	64	-3	103	-10	-	-0.17	-	29.50	-13.39	69	139
Portland	51	95	68	-1	128	-4	0.02	-0.26	1	37.03	1.13	103	183
Salem	48	94	67	+1	122	+4	-	-0.18	-	43.43	4.56	112	156
<b>SW VALLEYS</b>													
Grants Pass	49	103	75	+4	174	+26	-	-0.14	-	28.66	-2.17	93	141
Medford	54	105	75	+3	174	+17	0.78	0.64	2	15.87	-2.81	85	104
Roseburg	53	99	71	+2	147	+14	-	-0.14	-	33.03	0.56	102	150
<b>NORTH CENTRAL</b>													
Condon	46	97	70	+6	145	+39	0.03	-0.11	1	16.94	3.16	123	118
Echo <sup>8</sup>	49	101	75	+4	176	+25	-	-0.07	-	9.74	0.96	111	108
Heppner	48	98	71	+3	151	+20	-	-0.14	-	13.67	0.03	100	105
Hermiston	51	103	75	+5	179	+28	0.01	-0.06	1	9.27	0.49	106	90
Madras <sup>8</sup>	43	96	67	+2	123	+9	-	-0.14	-	10.38	0.14	101	115
Moro	42	97	69	+3	138	+18	-	-0.14	-	14.57	3.63	133	99
Parkdale <sup>8</sup>	41	97	65	-2	108	-8	0.01	-0.13	1	38.05	7.47	124	168
Pendleton	47	102	73	+2	160	+9	0.10	-0.04	1	14.32	2.48	121	106
Prairie City <sup>8</sup>	43	96	67	+2	123	+9	-	-0.14	-	10.38	0.14	101	115
The Dalles	51	105	74	+9	171	+57	-	-0.14	-	13.27	0.94	108	105
<b>SOUTH CENTRAL</b>													
Agency Lake <sup>8</sup>	34	90	61	-2	79	-4	-	-0.21	-	10.47	-5.51	66	93
Bend	41	93	66	+4	115	+26	-	-0.14	-	10.44	-1.08	91	43
Burns	38	95	66	+3	113	+17	0.03	-0.14	1	11.23	1.46	115	103
Christmas Valley <sup>8</sup>	39	93	63	-4	93	-24	-	-0.14	-	6.53	-5.67	54	95
Klamath Falls	43	92	65	-2	108	-7	0.06	-0.08	1	7.06	-6.26	53	86
Klamath Falls <sup>8</sup>	45	91	66	-1	112	-3	-	-0.14	-	7.84	-5.48	59	96
Lakeview	39	90	63	-3	91	-12	0.02	-0.12	1	10.87	-4.57	70	115
Lorella <sup>8</sup>	38	93	63	-4	93	-22	0.05	-0.09	1	8.89	-4.43	67	96
Redmond	37	99	66	+1	111	+8	-	-0.14	-	7.17	-1.23	85	82
Worden <sup>8</sup>	38	90	61	-5	81	-34	-	-0.14	-	9.00	-4.32	68	86
<b>NORTHEAST</b>													
Baker City	39	92	65	+0	109	-1	-	-0.23	-	10.71	0.12	101	109
Joseph	45	86	66	+7	117	+43	-	-0.28	-	18.80	-5.69	77	112
La Grande	45	95	69	+2	137	+8	0.01	-0.20	1	14.03	-3.12	82	107
Union	45	97	70	+4	138	+26	0.03	-0.18	1	16.52	3.08	123	106
<b>SOUTHEAST</b>													
Ontario	52	98	76	+3	181	+18	-	-0.11	-	11.30	1.80	119	100
Rome	45	99	71	+3	150	+15	-	-0.14	-	9.38	1.28	116	82

<sup>1</sup> Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2009.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.